



सत्यमेव जयते

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## PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 21st March 1964

#### CORRIGENDA

In the Gazette of India, Part III, Section 2 dated 23rd November, 1963—

1. In page 460, Column 1 under the heading "Applications Accepted"—

Against No. 80326—

for "Gevaert Photo-Production N. V."

read "Gevaert Photo-Producten N. V."

2. In page 465, column 1, under heading "Renewal fees Paid"—

delete Nos. "70488, 70517, 70539, 70594, 70603, 70788, 70841".

3. In page 465, column 2, under the heading "Registration of Designs"—

Against "Class 13, Nos. 119772 and 119773".—

insert "Textile goods" after the word "(India)".

4. In page 466, under the heading "Name Index of Applicants for Patents etc".—

(a) In column 1, under group "A"—

(i) for "Aktiebolaget Bofors"

read "Aktiebolaget Bofors".

(ii) for "Alumunium Laboratories Limited"

read "Aluminium Laboratories Limited".

(b) In column 2, under Group D—

delete "Dr. Beck & Co., G.m.b.H.—90201, 90319".

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

The 29th February 1964

92510. N. Aurora. An electric lamp with an incense vaporiser device.

92511. Celanese Corporation of America. Filters, (29th May 1963).

92512. Associated Electrical Industries Limited. Improved circuit arrangement for the control of main and auxiliary motors such as used for gantry type cranes. (7th March 1963).

92513. Dr. S. R. Palamand. An improved coat hanger for protecting the shoulder padding of coats against crumpling even after prolonged hanging.

92514. A. R. R. Krishnamurthy. An opener for pilfer-proof caps.

92515. J. M. Patel and P. B. Panchal. Improvement and modification in the manufacture of domestic flour mill.

92516. Ciba Limited. New-A-nor-B-homosteroids and pharmaceutical preparations containing them. [Addition to No. 81845].

92517. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of morphinan derivatives.

92518. AB Akerlund & Rausing. A package with grip means.

92519. Shionogi & Co., Ltd. Disubstituted isoxazole derivatives and production thereof.

92520. Gullick Limited. Improvements in or relating to roof supporting means for mines.

92521. Standard Telephones and Cables Limited. Radio communication system. (1st March 1963).

92522. Hercules Powder Company. Improvements in or relating to a process for producing substituted norbornyl ureas.

92523. C. I. S. Rao and R. V. R. A. Rao. Light proof shutters.

92524. C. I. S. Rao. Recovery of silver from exposed photographic films, plates, and sheets by employing ionic exchangers.

92525. Spindelfabrik Sussen, Schurr, Stahlecker & Grill G.m.b.H. Supporting and loading arm for drawing mechanism of a spinning machine. (30th December 1963).

92526. Council of Scientific and Industrial Research. Improvements in or relating to pitch mastic compositions.

92527. J. R. Geigy A. G. Process for the production of reactive dyestuffs.

92528. The General Electric Company Limited. Improvements in or relating to automatic telephone systems. (25th March 1963). [Addition to No. 67495].

92529. International Business Machines Corporation. Communication switching adapter.

92530. The Bendix Corporation. Test circuit for automatic direction finder. (20th December 1963).

92531. Sperry Rand Corporation. Dual channel mode.

92532. Mitsubishi Shipbuilding & Engineering Co., Ltd. Method for preventing a bank of heating surface tubes, in a boiler from wear and damage and apparatus for working the method.

92533. Imperial Chemical Industries Limited. Oxymethylene polymers and products formed from them. [Addition to No. 85594]. [Divisional dated 12th December 1962].

92534. Indian Oxygen Limited. Process for the purification of gases. (1st March 1963).

92535. Allied Chemical Corporation. Thermographic reproduction.

92536. Allied Chemical Corporation. Fluoro compounds and their preparation.

*The 2nd March 1964*

92537. S. R. Sathe. Improved ambar charkha.

92538. Gujarat Electronics Private Limited. Improvement in the manufacture of electrical switch.

92539. Imperial Chemical Industries Limited. Improvements in or relating to packings. (4th March 1963). [Addition to No. 80258].

92540. Imperial Chemical Industries Limited. Improvements in or relating to packings. (4th March 1963). [Addition to No. 80258].

92541. Imperial Chemical Industries Limited. Synthetic fibres. (6th March 1963).

92542. Imperial Chemical Industries Limited. Improvements in or relating to films. (7th March 1963).

92543. Smith Kline & French Laboratories. Improvements in or relating to novel alkoxytriphenylacrylic acid derivatives.

92544. The English Electric Company Limited. Improvements in or relating to hydraulic machines. (11th March 1963).

92545. Commissariat A L'Energie Atomique. Improvements in processes and apparatus for the preparation of metallic nitrides with a view to subsequent sintering, especially uranium nitrides. [Addition to No. 88405].

92546. W. Canning & Company Limited. Improvements in electrodeposition of nickel. (14th March 1963).

92547. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Substituted hydrazine compounds and process for the manufacture thereof.

92548. F. Hoffman-La Roche & Co. Aktiengesellschaft. Plant growth promoting agent.

92549. Amsted Industries Incorporated. Power operated multiple press.

92550. Siegfried Aktiengesellschaft. 1,2-malonyl-1, 2-dihydrocinnoline derivatives and process for preparation thereof.

92551. Swiss Aluminium Ltd. Process and apparatus for producing anhydrous alumina.

92552. Merck & Co., Inc. Water-in-oil emulsions.

92553. National Castings Company. Car truck.

92554. G. Pasquetti. Process and device for manufacturing hoses and hose obtained by the process and device.

92555. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to gas-fractionating systems.

92556. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to optical masers.

92557. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to circuit arrangements for coupling out video information from a television receiver.

92558. Hercules Powder Company. Improvements in or relating to alkali metal soaps of rosin and rosin-fatty acid mixtures.

92559. American Cyanamid Company. Novel derivatives of ring E keto yohimbe alkaloids and method of preparing same.

92560. American Cyanamid Company. Sulfamoylphenyl phosphates and methods of preparing the same.

92561. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble monoazo-dyestuffs and a process for preparing them.

92562. Institute Metallurgii imeni A. A. Baikova. Thermographic calorimetry device.

92563. Konditerskaja fabrika imedi Marata. Method of producing typhoid-vaccine preparation in dragee form.

92564. Zavod Transportnogo Mashinostroeniya im. V. A. Malysheva. Fire-extinguisher control device on diesel and electric locomotives.

92565. Maschinenfabrik Benninger A. G. Improvements in or relating to a warping machine with a plurality of brakes for braking a warp beam, contact roller and measuring roller.

92566. Fichtel & Sachs A. G. Friction clutch arrangement.

*The 3rd March 1964*

92567. Lonza Ltd. Process for the production of acrylic acid esters.

92568. E. I. du Pont de Nemours and Company. Composition.

92569. K. Rajagopalan. Compounds and processes.

92570. N. V. Organon. 16-methylene-steroids.

92571. Compagnie De Saint-Gobain. Improvements in or relating to rollers for use at high temperatures.

92572. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process and device for purifying acetone.

92573. Behringwerke Aktiengesellschaft. Foot-and-mouth disease viruses adapted to tissue cultures and process for preparing them.

92574. S. Messerschmidt. Improvements in or relating to the lapping or grinding of balls.

92575. Machinoexport State Commercial Enterprise. Machine for pressing and forming tobacco leaves into bales.

92576. The Gas Council. Process for the production of gases containing methane from hydrocarbons.

92577. Molins Machine Company Limited. Improvements in grinders for cigarette-machine cut-offs. (14th March 1963).

92578. Sel-Rex Corporation. Electroplating installation.

92579. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Complex compounds and process for the manufacture thereof.

92580. Aziende Colori Nazionali Affini Acna S.p.A. Reactive triazine dyestuffs.

92581. Societe Industrielle des Materiaux Blancs Simab. A microporous chalk mortar composition.

92582. S. H. Booth and E. W. A. Scrivener. Improvements in or relating to fluid controlled safety devices for selector valves. (4th March 1963).

92583. Hydraulic Developments Limited. Improvements in and relating to fertilizers and material suitable for use with re-fortification as agricultural stock feed. (4th March 1963).

92584. Allis-Chalmers Manufacturing Company. Improved method of conditioning iron oxide ore for magnetic concentration.

92585. Allied Chemical Corporation. Pesticidal ketone adducts and processes for their preparation.

92586. Research Institute for Medicine and Chemistry, Inc. Chemical process. (11th March 1963).

92587. Halcon International, Inc. Chemical process.

92588. Aktiebolaget Flymo. Lawn mower.

92589. AMP Incorporated. Improvements in or relating to coaxial electrical connectors.

92590. Philco Corporation. Electrical device.

*The 4th March 1964*

92591. Dr. G. V. Ramanen. Improvements in three dimension motion pictures.

92592. C. K. Shah. Improvements in or relating to containers for ampoules and the like.

92593. B. R. R. Krishna. Invention in or relating to fuels to produce light, heat and energy, in that 'water' is used as the main fuel.

92594. VEB Schaumglaswerk Raubebach. Process for the fabrication of foam glass.
92595. J. Raimond and A. Raimond. Improvements relating to free wheels for bicycles or motor cycles.
92596. E. Bobkowicz. Yarn production. (5th March 1963).
92597. O. Matsuishi. A method and device for shooting wide screen movies.
92598. H. Yano. An improved toy gun.
92599. Allied Chemical Corporation. Apparatus for and a method of melt-spinning polycapromide filaments.
92600. Rockwell-Standard Corporation. Vehicle brake systems.
92601. C. H. Johnson (Machinery) Limited. Improvements relating to transportable endless belt type conveyor elevators.

92602. Imperial Chemical Industries Limited. Chemical process. (8th March 1963).
92603. Imperial Chemical Industries Limited. Chemical apparatus. (8th March 1963).
92604. Sperry Rand Corporation. Electrical circuitry and method.
92605. Snam S.p.A. Process for the production of unsaturated nitriles.
92606. The S. U. Carburetter Company Limited. Control means for fuel injection pumps for internal combustion engines. (6th March 1963).
92607. Ateliers De La Motobecane. Improvements in driving transmission for auto-cycles having fixedly mounted friction rollers.
92608. Office National Industriel De L'Azote. Improvements in or relating to apparatus for the continuous production of chlorine derivative of cyanuric acid.
92609. Combustion Engineering, Inc. Apparatus and method for starting forced flow once-through steam generating power plant.

*The 5th March 1964*

92610. The Crown Spinning & Manufacturing Company Limited. Improved loom reed. [Addition to No. 92389].
92611. J. R. Geigy A. G. Process for the production of new  $\alpha$ -hydroxy-carboxylic acid derivatives.
92612. J. R. Geigy A. G. Process for the production of new 6-amino-penicillanic acid derivatives.
92613. The Marconi Company Limited. Improvements in or relating to transistor circuit arrangements. (8th March 1963).
92614. Girling Limited. Improved means for actuating a friction pad in a disc brake. (16th March 1963).
92615. Indian Oxygen Limited. Improvements in or relating to bearings. (6th March 1963).
92616. Indian Oxygen Limited. A low temperature gas separation process for extracting methane. (6th March 1963).
92617. Columbian Carbon Company. Manufacture of carbon black. (20th March 1963).
92618. Laboratories Miquel, S. A. Process for obtaining metallic derivatives of benzopyridines and chloramphenicol. (26th March 1963).
92619. Olin Mathieson Chemical Corporation. Process for preparing 1-dehydro steroids.
92620. Puliman Incorporated. Catalyst for halogenation of hydrocarbon.
92621. American Cyanamid Company. Pregnenes.
92622. Ceskoslovenska Akademie Ved. Frequency multiplier with non-linear dielectric element.
92623. The General Tire & Rubber Company. Pneumatic closure for multicompartiment receptacle.
92624. Ciba Limited. Process for the manufacture of aminomethyl-compounds.

92625. Vickers-Armstrongs (Engineers) Limited. Method of producing free-running frozen particles of material. (6th March 1963).
92626. Shionogi & Co. Ltd. Isoxazole derivatives of sulfanilamide and their preparation.
92627. The Gas Council. Process for the production of gases containing methane from hydrocarbons.
92628. Diamond Alkali Company. Halogenated aromatic nitriles and compositions containing the same.
92629. Gruendler Crusher & Pulverizer Co. Grinders.
92630. Gruendler Crusher & Pulverizer Co. Depithing processes.
92631. Standard Telephones and Cables Limited. Telegraph channel divider system.
92632. Ciba Limited. Manufacture of new aminomethyl-compounds.

*The 6th March 1964*

92633. V. K. G. Menon. Improved pins for pin insulators-split stalk insulator pins for attaching directly on to poles.
92634. Jotindra Nath Dutt. Improvements in or relating to double line lock and block system of traffic control for railways and the like.
92635. Silentblock Limited. Flexible joints. (6th March 1963).
92636. Conch International Methane Limited. Sealing means for ground reservoirs. (19th August 1963). [Addition to No. 79860].
92637. Cellophane Investment Company Limited. Improvements in welding jaws for heat sealing sheets of plastics material.
92638. Cellophane Investment Company Limited. Improvements in sachets.
92639. AMP Incorporated. Improvements in coaxial electrical connectors and in coaxial electrical connections.
92640. Halcon International, Inc. Chemical process.
92641. Halcon International, Inc. Chemical process.
92642. Stamicarbon N. V. Process and installation for separating particles of different specific gravity.
92643. The American Tobacco Company. Tobacco smoke filter element.
92644. Dunlop Rubber Company Limited. Improvements in or relating to extrusion apparatus.
92645. Zweirad Union A. G. Improved chain wheel.
92646. F. Stubbe. Improvements in injection moulding machines and their operation.
92647. Owens-Corning Fibreglas Corporation. Heat insulating structural member.
92648. Shionogi & Co., Ltd. Isoxazole derivatives and improvements in or relating to their production. (5th November 1963).
92649. Shionogi & Co., Ltd. Improvements in or relating to the production of isoxazole compounds and the products thereof. (28th November 1963).
92650. J. M. Leach. Conveyor.
92651. J. M. Leach. Bucket-type conveyors.
92652. Ciba Limited. Manufacture of new pyrrole derivatives.
92653. Societa' Farmaceutici Italia. Process for obtaining carotenoids and feedstuffs containing them.
92654. Premier Industrial Works. Attachment for bottles or containers.

*Alteration of date*

82535. Post-dated to 27th February 1963 under Section 5 of the Act.
91153. Ante-dated to 6th July 1962 under Section 5 of the Act.
91441. Ante-dated to 4th June 1962 under Section 5 of the Act.

## Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

82535. Prabhat Electric Equipment Corporation. Electro magnetic calendar clocks. Accepted on 29th February 1964.

*Having an hour wheel with a lug provided thereon, the lug acting on a lever at a pre-determined interval of time and actuating a micro switch connected to an electromagnetic device having a shaft, a one way clutch provided on the shaft and having means for engaging a star wheel.*

82590. Chemical Construction Corporation. Urea synthesis process. Accepted on 3rd March 1964.

*Wherein the pressure of the process stream is reduced under adiabatic conditions, a first off gas is separated, the residual stream heated to decompose ammonium carbamate and then a second off-gas is separated.*

82600. G. R. Cobb. Sterile telephone. Accepted on 4th March 1964.

*Sterilizing lamp is provided in a container provided on the wall of the housing for electrical components and is energized through the telephone line current.*

82614. Singer-Cobble, Inc. Machine for making tufted fabrics. Accepted on 2nd March 1964.

*Comprises elongated frame having a bed plate, needle bar, a driving shaft, needle bar reciprocating means and reciprocating looper hooks.*

82629. J. R. Geigy A.-G. Stabilization of light and oxidation sensitive organic materials. Accepted on 6th March 1964.

*Incorporating into the material substituted 2-(2'-hydroxyphenyl) benztriazole compounds.*

82631. Etablissements Regnier. Improvements in or relating to a device to obtain a web or silver from a carder, on the felt or belt of a needling loom. Accepted on 4th March 1964.

*Comprises in combination, a feeding belt, a moving carriage on the rolling track carrying a carder and spreader-lapper device.*

82646. Great Lakes Carbon Corporation. Carbonaceous bodies useful for thermal insulation and processes for preparing same. Accepted on 2nd March 1964.

*Comprises heating the particles at a temperature between 1150°F to about 2000°F in gas stream of oxygen, separating the solid expanded product from the vaporous products, mixing the said product with a binder compacting said mixtures and baking the compacted mixture.*

82734. Miles Laboratories, Inc. Process for lycopene production. Accepted on 2nd March 1964.

*Comprises growing a strain of *Blakeslea trispora* in a fermentation medium consisting of proteinaceous nutrient material and an energy furnishing nutrient material and recovering the lycopene thus produced.*

83050. M. A. Parthasarathy. Improved systems of exhibiting cinematograph films with individual hearing devices. Accepted on 2nd March 1964.

*Comprising means for controlling the volume and tone of the sound emanating from the speakers or hearing devices which means can be operated upon by members of the audience.*

83070. Sicedison S.p.A. Process for obtaining cyclic olefins from the corresponding cyclo-paraffins. Accepted on 2nd March 1964.

*Characterized in that the cycloparaffins are caused to react at a temperatures ranging from 350° to 550°C with a gaseous mixture obtained by reacting hydrochloric acid and oxygen or oxygen containing gases in the presence of hydrochloric acid oxidation catalyst.*

83145. Rohm & Haas Company. Herbicidal compositions. Accepted on 4th March 1964.

*Comprising as active component atleast one of the compounds 3', 4'-dichloro-2, 2-dimethylpropionanilide, 3', 4'-dichloro-2, 2-dimethylvalerianilide and 3'-chloro-2, 2, 4'-trime-thylvalerianilide and a diluent.*

83146. Rohm & Haas Company. Preparation of trialkyl phosphites. Accepted on 3rd March 1964.

*Reacting phosphorus trichloride, an alkanol and an ammonium carbamate.*

83185. Hooker Chemical Corporation. Flame proofing of cellulosic materials. (20th November 1961). Accepted on 2nd March 1964.

*Impregnating the material with an aqueous resin solution of a tetrakis ( $\alpha$ -hydroxyorgano) phosphonium chloride compound, a water soluble cyclic nitrogen-containing compound, a sulphite compound capable of combining with an aldehyde, and (i) a nitrogen-containing salt of a strong inorganic acid or (ii) a mixture of a nitrogen-containing salt of a weak organic acid and a catalyst e.g. Mg. Zn and tertiary amine salts of strong inorganic acid and drying and curing the product.*

83207. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improvements in the production of urea. Accepted on 2nd March 1964.

*Separating vapours from reaction mixture of urea reactor in two stages distillation at 25-50 and 1-3 absolute atmospheres respectively and utilising heat of absorption obtained by absorbing vapours of first stage to heat in the second stage.*

83338. The Procter & Gamble Company. Detergent compositions containing tertiary phosphine oxide compounds. Accepted on 29th February 1964.

*Consisting essentially of a tertiary phosphine oxide compounds and a material selected from the group consisting of anionic organic detergents, non-ionic organic detergents, water-soluble inorganic alkaline builder salts, organic sequestering agents and mixtures thereof.*

83375. Chemical Industries Corporation. A process for the preparation of camphor from oil turpentine. Accepted on 29th February 1964.

*Consists in treating the borned acetate or isoborned acetate with alcohol in presence of alkali to obtain a complex whereafter the resulting complex is treated with alkali bisulphite or extracted with a mixture of ether and alcohol to obtain camphor in solution therein.*

83382. Pinchin, Johnson & Associates Limited as Joseph Lucas (Industries) Limited. Improvements in or relating to coverings of coil windings of electrical apparatus. (29th July 1961). Accepted on 3rd March 1964.

*The process comprises the steps of applying to the outside of the coil a slip coating and then applying over the slip coating an outer coating which provides a relatively strong flexible skin.*

83414. The British Petroleum Company Limited. Isomerisation of olefins such as those produced by the selective hydrogenation of dienes. (8th August 1961). Accepted on 29th February 1964.

*By passing said hydrocarbon over a supported nickel, catalyst having been modified by treatment with sulphur or organic sulphur compound or  $H_2S$  or  $CS_2$  or mixtures thereof.*

83456. J. R. Albuquerque. Cheque protector. Accepted on 2nd March 1964.

*Wherein a lever operates an inking roller to ink the grooved types fixed to sectors and brings down the sectors to emboss the cheque.*

83924. Machine-Tool Works Oerlikon Administration Company. Improvements in or relating to protective gas or buffer gas welding installations. Accepted on 29th February 1964.

*Comprises a welding torch and a conduit leading to said torch wherein pipe means for conveying cooling fluid to and away from said torch and for conveying a shielding gas to said torch are all disposed within said conduit.*

83973. Girling Limited. Diaphragm for fluid pressure apparatus. (21st September 1961). Accepted on 3rd March 1964.

*Which is in the shape of a dome with radius of curvature greatest in the centre and decreasing towards the edges.*

83988. Libbey-Owens-Ford Glass Company. Method and apparatus for bending glass sheets. Accepted on 4th March 1964.

*The heating of the unsupported side edges of the glass sheets in the bending furnace being effected at a lower rate than the supported portions so that the heating at the unsupported edges is retarded during initial heating period.*

83991. Chief Controller Research & Development, Defence Research & Development Organisation Ministry of Defence, New Delhi. Improvements relating to a technique for interconnecting circuits printed on the two sides of a di-clad sheet by plating through hole. Accepted on 3rd March 1964.

*Including the steps of drilling holes in a paint coated metal plate, masking the said plate in an alkaline solution, washing the plate, said-holes then being metalized and thereafter subjecting the plate to an electroplating treatment, said-holes then being masked with an acid resistant paint.*

83995. Williams & Williams Limited. Glazing bar assemblies. Accepted on 3rd March 1964.

*Comprising sheet metal bent to provide in cross-section an inverted U-shaped web and flanges extending from the lower ends of the arms of the U outwardly away from the web and upwardly.*

84015. F. Parramore & Sons (1924) Limited. Improvements in or relating to wood-working planes. (15th September 1961). Accepted on 5th March 1964.

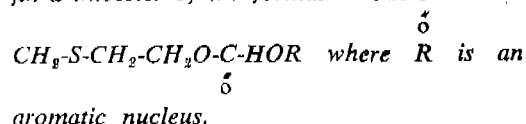
*Wherein the upper end of the adjusting screw passing through a tapped hole in a thrust block and the upper end of the clamping member mutually interengage so that latter follows endwise movement of the screw and side ways movement caused by thrust block.*

84050. Metallgesellschaft A. G. Process and device for improvement of sintering quality. Accepted on 2nd March 1964.

*Return material is first screened out to remove originally present fine grained fraction, and the remaining material being subjected to destructive mechanical stress such that more return material is obtained than by conventional crushing.*

84065. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Stabilised polymer composition. [Addition to No. 77829]. Accepted on 29th February 1964.

*Comprises a crystalline polyolefin and from 0.02 to 20% by weight based on the polyolefin a thioester of the formula  $HOR-C-O-CH_2$*



84066. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Stabilised polymeric composition. [Addition to No. 77829]. Accepted on 29th February 1964.

*Comprises a crystalline polyolefin and thiodiglycol di- $[\beta-(9\text{-carbazolyl}) \text{ propionate}]$  or its isomer N- $\beta$ -hydroxyethyl carbazothiodipropionate.*

84071. Shell Internationale Research Maatschappij N. V. A process for treating fibrous materials to impart wash and wear resistance and products resulting therefrom. Accepted on 2nd March 1964.

*Treating with an aqueous caustic solution and with hot vapours composed of an epihalohydrin either alone or in combination with a diluent and also treating with a reducing agent, at some time during the process.*

84136. Universal Oil Products Company. Continuous process for cracking hydrocarbon oil. Accepted on 6th March 1964.

*Characterized by varying the temperature of the reaction zone and the contact time with the catalyst responsive to the refractory characteristics of hydrocarbon charge and effecting coke deposition on the catalyst in the regeneration zone.*

84152. Sperry Rand Corporation. Control circuit for a clutch and brake mechanism. Accepted on 3rd March 1964.

*Characterized by a first bistable conducting element connected to a clutch activating element; a second bistable conducting element connected to a brake activating element, means for selectively switching one of elements to the high conducting state thereof, and energy storage means coupled in such a way to each of the two conducting elements that the storage means are energised or de-energised in accordance with the conducting element switch.*

84231. The Bendix Corporation. Frequency generating system for producing electrical signals. (7th August 1962). Accepted on 29th February 1964.

*Including a master oscillator, a crystal controlled time standard oscillator, frequency dividing means, adjusting means therefor, comparing means and an automatic frequency control circuit.*

84269. E. I. du Pont de Nemours and Company. Herbicidal compositions and process for the preparation thereof. Accepted on 4th March 1964.

*Comprising 3-(3, 4-dichlorophenyl)-1-methoxy-methylurea and a surfactant.*

84303. American Cyanamid Company. A unitary, heat—and pressure—consolidated decorative laminated article. Accepted on 2nd March 1964.

*Comprising a super imposed assembly of (1) a rigidity-imparting base member, (2) a print sheet member directly bonded to said base member and (3) a substantially non-porous sheet.*

84342. AMP Incorporated. Self-holding switch. Accepted on 3rd March 1964.

*Comprises a multi-aperture magnetic core of material having a substantially rectangular hysteresis loop.*

84429. Dr. Beck & Co. G.M.B.H. A method of producing hard to highly elastic synthetic resins. Accepted on 2nd March 1964.

*Using as modifying agents natural or synthetic oils containing one or more acetylene bonds.*

84448. A. N. D. Naidu. A device for causing reciprocating movement as that of ring rail in a spinning mechanism. Accepted on 2nd March 1964.

*A rod with screw threads of opposite directions crossing each other, has a U-shaped wire engaging into the grooves of the screw thread.*

84489. R. G. Chaudhari. Improvements in or relating to set squares. Accepted on 3rd March 1964.

*Comprising a rectangular portion and an isosceles triangular portion whose base angles are 15° each, equidistant straight-edges parallel apertures in the form of slots cut in the rectangular portion at 45° to its sides.*

84539. Water-Litt Corp. Water purification. Accepted on 2nd March 1964.

*Comprises conducting the feed water through a capillary lattice to retard the flow of ions through the passages thereof by capillary diffusion while urging the single water molecules to flow freely through capillary passages under the influence of capillary action.*

84574. Plastus S. A. Improvements in machines for the extrusion of casings, conduits or shaped sectional members of reinforced material. Accepted on 2nd March 1964.

*The mandrel being extended rearwardly into a tail, one of the surfaces of which tail forms an angle with the longitudinal direction of the mandrel, this surface bearing against an exterior supporting surface maintaining in longitudinal position the surface forming an angle of the tail.*

84586. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. A mass transfer apparatus. Accepted on 5th March 1964.

*Wherein two plates are juxtaposed and shaped to form duct which has a throttling zone and a expansion zone.*

84687. Allied Chemical Corporation. Light-stabilized nylon. Accepted on 2nd March 1964.

*Polyamides having dissolved therein a manganoous salt and hypophosphorus acid in an amount of 2 mols per gramatom of manganese.*

84718. Imperial Chemical Industries Limited. Polyurethane lacquers and surface coatings. (26th October 1961). Accepted on 4th March 1964.

*Comprises interacting a polyester, polyether or polyesteramide with a polysocyanate.*

84735. The Bowater Research and Development Company Limited. Lined fibre drums. (1st November 1961). Accepted on 2nd March 1964.

*Comprises a body of fibrous material with a moisture impermeable thermoplastic resin lining and an end closure member with its upper inner surface covered by a synthetic resin disc.*

84756. Imperial Chemical Industries Limited. Apparatus for dividing a continuously extruded column of plastic material into predetermined equal lengths. (25th October 1961). Accepted on 5th March 1964.

*Comprises a rotatable supporting structure with plurality of supporting surfaces wherein after predetermined length of extruded column has advanced the structure is rotated to cut off the column and present another supporting surface to the extruded column.*

84780. Sperry Rand Corporation. Transfer mechanism for calculating machines. Accepted on 3rd March 1964.

*Wherein the mechanism has in each denominational order at least one storing pinion gear and a transfer element rotatable therewith through a transfer position.*

84784. Ingenior Gunnar Schjelderup Industriovner. Heating pits. Accepted on 2nd March 1964.

*Heating pit provided with heat radiation element which is in the shape of a receptacle being wholly or partly open at the top.*

84844. Asahi Kasei Kogyo Kabushiki Kaisha. A method for producing polymers of acrylonitrile. Accepted on 3rd March 1964.

*Carrying out the polymerization in the presence of hydroxy nitrilosulfonate and sulfites.*

84889. J. G. Roe. Tape measure printing machine. (23rd January 1962). Accepted on 2nd March 1964.

*Comprises a frame, a drive drum, a printing drum with a master printing scale with raised printing faces mounted 360° around the printing drum and having a length, which is exact multiple of the distance to be printed on tape surface.*

85031. Simon-Carves Limited. Improvements in and relating to the aeration of liquids. (9th December 1961). [Addition to No. 79097]. Accepted on 29th February 1964.

*Comprising means whereby the angular aspect of the deflector secured to the outer end of each arm of the agitator may be adjusted.*

85161. H. T. Golde G.M.B.H. & Co. K. G. Improvements in or relating to a driving device for a sliding roof or window of a vehicle. Accepted on 2nd March 1964.

*Comprises spaced apart projecting portions of a long member engaging in holes in a one piece driver formed from sheet material.*

85200. Beloit Corporation. Improved mechanism and method for coating, for example a web of paper. Accepted on 2nd March 1964.

*Comprises a web supporting backing roll, a coating bath container, a squeeze member, means for submerging the oncoming side with coating and smoothing means.*

85213. O. Lorentzen. Corrugated sheet formed material. Accepted on 3rd March 1964.

*Characterised in that the corrugations consist of substantially straight wave crests departing in opposite directions from the mean plane of the sheets.*

85254. Vyzkumny Ustav bavlnarsky, Usti nad Orlici. Quilting and knitting machine. Accepted on 2nd March 1964.

*Characterized in that movements of quilting and knitting needles, latches and web holder are derived from a single shaft whereby latch movement lags behind the movement of needles by 45° and web holder proceeds the needle movement by 90°.*

85298. Le Materiel Electrique S. W. Improvements relating to semiconductor elements. Accepted on 29th February 1964.

*The rectifier or semiconductor element is placed at the bottom of an enclosure and is directly and completely covered with a liquid and the upper portion of the enclosure comprises walls adapted to ensure their cooling.*

85305. Kugelfischer Georg Schafer & Co. Fastening yoke for rolling bodies rotatably carried on a stationary shaft. Accepted on 4th March 1964.

*Comprising a yoke made of sheet metal bent on its extremity holding the shaft for forming an abutment for a dowel pin and shifted with a fork-shaped recess onto the shaft.*

85330. Blinds India Private Limited. Improvements in or relating to locking devices for pulley blocks. Accepted on 2nd March 1964.

*Pawl device being pivotally mounted in a horizontal line with the centre of the pulley and having eccentric teeth provided thereon, and being balanced in a position in which the said teeth will be engaged in the groove of the pulley when the pawl is in the normal position.*

85331. Blinds India Private Limited. Improvements in or relating to slats for venetian window blinds. Accepted on 2nd March 1964.  
*Strips of fibrous material such as cotton, linen on paper tape being impregnated or faced with an adhesive plastic material, superimposed one on another and hot pressed to form a compact multiple slat.*
85332. Blinds India Private Limited. Improvements in or relating to the lifting mechanism of window blinds. Accepted on 2nd March 1964.  
*The pulleys at the pulling end of the top support beam being located at the front of the top team and the slots of the slats being located in a position in which the ropes cords do not at any time obstruct the complete closing of the slats.*
85338. Hanson Scale Company. Platform scale. Accepted on 4th March 1964.  
*Co-operating primary and secondary levers arranged in superposed relationship, the primary lever having a free end attached to be counterbalanced, the counterbalancing means includes a coil spring, an integral edge on one of said levers.*
85390. Owens-Corning Fiberglas Corporation. Collapsible duct section for packing or storage. Accepted on 3rd March 1964.  
*Comprising a layer of resistant material on the outside of the section and a layer of insulating material on the inside the insulating material being highly resilient so that duct section may be selectively collapsed to a flattened configuration.*
85476. Hercules Powder Company. Improvements in or relating to the preparation of p-nitrosophenyl ethers and subsequent conversion to N-substituted anilines. Accepted on 3rd March 1964.  
*Comprises reacting p-nitrosophenol with a primary or secondary alcohol in the presence of an acid and at a temperature within the range of 0-150°C.*
85490. The Goodyear Tire & Rubber Company. Improvements in liner for radial-ply tires. Accepted on 3rd March 1964.  
*Comprises two heads with edges of radial cords anchored thereto and air-impervious rubber liner containing short filaments stiffening the liner.*
85523. H. J. Longley. Improvements in or relating to tables adapted for nesting with others of the same type. Accepted on 5th March 1964.  
*Comprising a substantially circular table top provided with three or more projecting lugs, the supporting legs of the table being secured to the projecting lugs outside the circumference.*
85529. Ministerul Industriei Petrolului Si Chimiei. Thermocatalytic process for obtaining naphthalene from raw materials deriving from petroleum. Accepted on 2nd March 1964.  
*By a reaction of catalytic hydrodialkylation, in the presence of a catalyst, and with a large excess of hydrogen, acting as thermic fly wheel at a pressure of 40-60 atmospheres.*
85613. International Business Machines Corporation. Improvements in or relating to data coding apparatus. Accepted on 2nd March 1964.  
*Comprising an input data register having a plurality of bit positions, a plurality of input means, means to impress each bit of a coded character on a separate channel and to impress a predetermined bit on every channel in excess of those required to accommodate the number of bits used in the character code.*
85622. G. Nagaratnam. Modified disk plough. Accepted on 2nd March 1964.  
*Wherein the discs are fixed inclined symmetrically to the steel plate and equally to the direction of the pull and the draw bar carrying the yoke is adjusted by the adjustable link members connecting the steel beam with the draw bar.*
85655. Dr. Beck & Co. GmbH. Improvements in or relating to the hardening of epoxy resins. Accepted on 6th March 1964.  
*By mixing the epoxy resin with polymeric trialkylaminotitanate complex and allowing the mixture to harden.*
85705. K. Rajagopalan. Journal lubricating device. Accepted on 5th March 1964.  
*Comprising a fabric jacket forming a pair of central elongated pockets and an adjacent elongated pocket on each side of and parallel to said central pockets.*
85726. Aktiebolaget Svenska Flaktfabriken. A device for filtering air in spray painting booths. Accepted on 29th February 1964.  
*Wherein the filter means comprise a grating over which are disposed coherent filter mats and retained by liftable sealing frames.*
85751. Shell Internationale Research Maatschappij N. V. Process for the separation of acid components from a mixture. Accepted on 2nd March 1964.  
*Controlling the quantity of solvent on the basis of the residual content of acid components of the purified product and that the supply of heat to the bottom part of the stripper is controlled by means of the temperature at the top part of the said stripper, in such a way that this temperature assumes at least approximately, a specified value.*
85790. W. A. Latour. Apparatus for cleaning textile fibrous material. (14th December 1962). Accepted on 5th March 1964.  
*Comprising a rotatable cylinder having forwardly inclined peripheral teeth carrying trash-containing fibers a first non loading feed roll mounted parallel to and rotatable in a direction opposite to that of said cylinder and having a plurality of rows of axially disposed peripheral two-pointed teeth inclined backward with respect to the teeth on the cylinder.*
85850. A. K. Khandelwal. Improvements in or relating to struts or the like structural members. Accepted on 3rd March 1964.  
*Comprising a base plate at one side of trench timbering, a hollow stem for the base plate, an extension tube slidable inside the stem and connected to a head plate fitted to the other side of the trench timbering.*
85985. Quigley Company, Inc. Improvements in or relating to heat resisting coating composition and method of applying it to the basic refractory surface of a furnace. Accepted on 2nd March 1964.  
*Comprising a refractory material consisting essentially of an intimate mixture of chrome ore, free magnesia and free iron oxide.*
85986. Quigley Company, Inc. Improvements in or relating to a sprayable basic refractory composition for repairing the hot basic refractory linings of high temperature furnaces and method. Accepted on 2nd March 1964.  
*Comprising a refractory material consisting essentially of an intimate mixture of chrome ore and free magnesia.*
86027. Rolls-Royce Limited. Improvements to gas driven railway locomotive. Accepted on 5th March 1964.  
*Comprising a spark ignition I. C. engine, a source of liquefied gas, a carburettor on said engine, and ducting which extends from said source to said carburettor.*
86253. Deering Milliken Research Corporation. Drafting arrangement for textile machines. Accepted on 5th March 1964.  
*Comprising a combination of roll and apron clearing and apron supporting and guiding element and a second roll engaging element, said two elements each having a fiber-guiding surface facing one another and extending away from the nip zone of said rolls.*



86475. Ciba Limited. Photographic material for the silver dyestuff bleaching process and colour image produced by such process. Accepted on 3rd March 1964.

*Comprises on a support a layer of at least one dyestuff obtained by condensing a 1:3:5-triazine with an aminoazo dyestuff.*

86480. MIAG Muhlenbau und Industrie G.m.b.H. Method of and apparatus for continuously treating granular and/or powdered material with gas. Accepted on 29th February 1964.

*Characterised in that gas flows at a speed exceeding the floating speed and the material is fed at such a rate that clouds of material are successively formed of which each drops through the region of greatest gas velocity upon attaining a certain density.*

86487. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to shaving heads for use in a dry shaving apparatus. Accepted on 2nd March 1964.

*Characterized in that a precursory cutting edge of the cutting member joins a side which is at an angle of less than 45° to the direction of movement and describes a path where the depth of penetration of the skin varies from a smaller to a greater extent.*

86516. Ciba Limited. Process for the colouration of polyester fiber material. Accepted on 3rd March 1964.

*Where anthraquinone dyestuff is used that contains an amino group in 1-position and a heterocyclic radical comprising at most three condensed rings in 2-position or where in a mixture of such dyestuffs is used.*

86820. Union Carbide Corporation. Preparation of olefinic esters. Accepted on 2nd March 1964.

*Contacting olefinic compounds in halide ion free medium with a monocarboxylic acid.*

87071. Canadian Industries Limited. Polymer blends. (23rd March 1962). Accepted on 6th March 1964.

*Comprising 70% to 90% of polyethylene of molecular weight greater than 30,000 and 30% to 1% of poly (butene-1).*

87538. Ciba Limited. New water-insoluble anthraquinone dyestuffs and process for their manufacture. Accepted on 29th February 1964.

*1-amino-2-halogen-4-hydroxyanthraquinone is reacted with a hydroxyaryl compound.*

87629. Nippon Grinder Manufacturing Company Limited and Daver & Company. Improvements in or relating to a roller loading device in a roving drafting roller system. Accepted on 4th March 1964.

*Comprises a loading arm having inverted U-shape cross-section with channels for the arbor of top roller and a wire spring of U or channel shape to press the arbor upwardly and downwardly.*

87663. National Research Development Corporation. Treatment of chromite. (2nd May 1962). Accepted on 29th February 1964.

*Comprising forming the ore into pellets, heating the pellets in presence of reducing agent which provides a weight of carbon upto 10% of the weight of the ore so as to reduce at least part of the iron present in the pellet and removing the reduced iron from the pellet.*

87666. Morgan Refractories Limited. Improvements in and relating to refractory products and the production thereof. (4th May 1962). Accepted on 3rd March 1964.

*Made from foamed slip and having a porous structure with spherical pores in which the spherical pores have a diameter not greater than 500 microns and the total pore volume is between 55% and 90% inclusive, of the whole volume of the product.*

88471. Kawasaki Steel Corporation. Method for the production of luppen from laterite ores. Accepted on 3rd March 1964.

*Characterised by mixing a laterite ore with siliceous iron ore and a flux, adding reducing agent and charging the mixture into rotary kiln and transferring the charge into a luppen zone.*

88944. Imperial Chemical Industries of Australia and New Zealand Limited. Protection of materials or articles. (20th July 1962). Accepted on 29th February 1964.

*Enclosing the material in a flexible protecting cover and maintaining within the cover a pressure below atmospheric pressure.*

91158. J. R. Geigy A. G. Process for the manufacture of N, N', N''—substituted melamines and the melamine derivatives so produced. [Divisional date 6th July 1962]. Accepted on 4th March 1964.

*Characterised by reacting a cyanuric halogenide at the same time or in steps and in any order desired with primary and/or secondary amines until the halogen atoms of the cyanuric halogenide have been all replaced.*

91441. The Plessey Company Limited. Improvements in or relating to pressure-relief valve devices. [Divisional date 4th June 1962]. Accepted on 2nd March 1964.

*Controlled by a pressure-responsive main pilot valve and a second pilot valve connected to the relief valve in parallel to the main pilot valve and controlled by a heat sensitive member.*

#### Patents Sealed

76947.	77616.	77713.	77867.	77958.	77985.	77988.
77990.	78034.	78050.	78055.	78077.	78157.	78325.
78354.	78406.	78547.	78602.	78603.	78618.	78658.
78705.	78908.	79052.	79075.	79080.	79088.	79089.
79127.	79287.	79299.	79348.	79383.	79414.	79480.
79507.	79508.	79530.	79549.	79598.	79599.	79664.
79691.	79692.	79704.	79731.	79803.	79804.	79830.
79993.	80037.	80095.	80160.	80163.	80298.	80304.
80343.	80344.	80440.	80451.	80472.	80621.	80623.
80624.	80626.	80660.	80674.	80694.	80699.	80751.
80772.	80775.	80810.	80811.	80821.	80856.	81038.
81059.	81247.	81304.	81305.	81324.	81388.	81630.
81772.	81826.	81827.	81836.	82105.	82216.	82503.
82937.	82983.	83115.	83250.	83293.	83301.	83407.

#### Appeal Proceedings

##### (Section 5)

An appeal to the Central Government has been filed by Socomy Mibil Oil Company, Inc. under Section 5 of the Indian Patents and Designs Act, 1911 in respect of application for a patent numbered 81067.

#### Amendment Proceedings

##### (1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Phillips Petroleum Company, a Corporation organised under the laws of the State of Delaware, United States of America, of Bartlesville, State of Oklahoma, United States of America, seek leave to amend the specification in respect of Patent application No. 79175. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed Form (Form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendments may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

##### (2)

The amendments proposed by Rohm & Haas Company in respect of Patent application No. 71728 as advertised in the Gazette of India, Part III, Section 2, dated the 30th November 1963, have been allowed.



(3)

The amendment proposed by Montecatini Societa Generale Per L'Industria Mineraria E. Chimica in respect of Patent application No. 76368 as advertised in the Gazette of India, Part III, Section 2, dated the 12th October 1963, has been allowed.

(4)

The amendments proposed by The Yoder Company in respect of Patent application No. 79874 as advertised in the Gazette of India, Part III, Section 2, dated the 12th October 1963, have been allowed.

(5)

The amendments proposed by Ciba Limited in respect of Patent application No. 80281 as advertised in the Gazette of India, Part III, Section 2 dated the 28th February 1963, have been allowed.

#### Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

40950	Schoeller-Bleckmann Stahlwerke Aktiengesellschaft.
47470	
55954	
54594	
72890	FMC Corporation.
73344	
73345	
74755	
77198	
77205	
77206	
77456	
78691	
60457	The English Cycle and Motor Importing Company Private Ltd.
66811	
66738	Yoshida Shoji Co. Ltd.
73385	Yoshida Kogyo K. K.
73402	
73415	
74641	
74720	
73651	Technifoam Corporation.
77786	Kearney & Trecker Corporation.
78635	International Resistance Company.
78963	Dufaylite Developments Limited.
79887	
78156	Tuboprogess Aktiengesellschaft.

#### Renewal Fees Paid

41327.	42798.	42872.	44689.	44713.	44733.	44776.
44777.	44828.	44855.	44989.	45010.	54034.	45436.
46868.	46884.	46925.	46956.	46984.	47017.	47018.
47042.	47095.	47133.	47323.	47378.	47379.	47439.
47669.	48893.	49081.	49300.	49410.	49549.	49550.
50209.	50695.	50769.	51425.	51438.	51590.	51619.
51644.	51645.	51646.	51660.	51849.	51878.	51963.
51974.	52324.	52340.	52567.	52752.	53596.	53933.
54039.	54056.	54088.	54095.	54131.	54176.	54198.
54209.	54237.	54246.	54288.	54298.	54345.	54553.
55648.	55870.	56603.	56723.	56725.	56786.	56881.
56964.	57148.	57168.	57222.	57269.	57273.	57328.
57330.	57398.	57400.	57409.	57456.	57468.	57584.
57624.	57660.	58412.	59584.	59668.	59787.	59815.
59832.	59833.	59836.	59848.	59856.	59981.	59987.
60012.	60038.	60041.	60159.	60198.	60213.	60221.
60222.	60251.	60288.	60551.	60555.	60570.	60592.
60679.	60864.	61340.	61341.	62496.	63292.	63362.
63363.	63389.	63402.	63434.	63444.	63481.	63512.
63533.	63544.	63595.	63666.	63682.	63690.	63703.
63704.	63715.	63751.	63794.	63825.	63831.	63858.
63886.	63904.	63913.	64128.	64163.	64221.	64295.
64296.	64458.	64860.	65528.	66426.	66599.	66912.
66968.	66976.	67002.	67037.	67108.	67153.	67170.
67187.	67219.	67226.	67245.	67249.	67275.	67276.
67277.	67279.	67296.	67356.	67387.	67399.	67403.
67407.	67464.	67476.	67522.	67576.	67653.	67694.
67700.	67728.	67788.	67836.	67875.	67931.	67977.

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68455.	68545.	68858.	68958.	69077.	69222.	69373.
70706.	70712.	70859.	70956.	70957.	70962.	70980.
70981.	71022.	71026.	71037.	71105.	71106.	71207.
71209.	71290.	71291.	71292.	71293.	71316.	71338.
71339.	71362.	71365.	71398.	71400.	71438.	71516.
71530.	71531.	71573.	71575.	71592.	71619.	71682.
71689.	71690.	71708.	71724.	71728.	71729.	71754.
71758.	71759.	71760.	71821.	71831.	71832.	71864.
71882.	71885.	71910.	71912.	71924.	71925.	71926.
71943.	71983.	72008.	72029.	72045.	72046.	72408.
72966.	73068.	73157.	73158.	75507.	75508.	75518.
75577.	75688.	75842.	75854.	75875.	75892.	75911.
76008.	76009.	76050.	76065.	76096.	76140.	76312.
76361.	76406.	76523.	76535.	77582.	80278.	

#### Cessation of Patents

40506.	42189.	42194.	42195.	46143.	46154.	46174.
48372.	50585.	50616.	53069.	53071.	53075.	53083.
53095.	53787.	55009.	55765.	58801.	58832.	58833.
62164.	62188.	62189.	62190.	62191.	62212.	62222.

#### Restoration Proceedings

(1)

An order has been made on the 12th February 1964 restoring the patent No. 43669 dated as of the 22nd August 1950 granted to Salvador Matheus Zveibil for "improvements in awnings for doors, windows, and similar openings".

(2)

An order has been made on the 12th February 1964 restoring the patent No. 49281 dated as of the 30th March 1953 granted to Dr. Salvador Matheus Zveibil for "improvements in or relating to movable awnings".

(3)

An order has been made on the 26th February 1964 restoring the Patent No. 66368 dated as of the 9th January 1959 granted to Dawarka Dass "An improved process for the manufacture of gelatine and glue".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 119256. Moradabad General Art Metal Mills, Indian partnership concern, Bhatti Street, P.O. Moradabad, U.P., "Tray" August 27, 1963.
- Class 1. No. 119605. British Kitchencraft Company Limited, 9, Featherhall Avenue, Corstorphine, Edinburgh 12, Scotland, a Limited Liability Company registered in Great Britain, "Cooking vessel", September 18, 1963.
- Class 1. No. 120134. Chandra Metal & Plastic Industries, Indian firm, 3, Cross Road, 7, Mamlatdar Wadi, Malad, Bombay-64 (Maharashtra), "Tie pins cum clips" November 8, 1963.
- Class 1. No. 120494. The Sigma Steel Industries, A Partnership Concern, A-2, Industrial Estate, Ludhiana, (Punjab) India, "A sprayer", December 6, 1963.
- Class 3. No. 120338. Union Carbide India Limited, a Company incorporated under the Indian Companies Act, 1 & 3, Brabourne Road, Calcutta, West Bengal, "Plastic bottom cap for flashlights", December 2, 1963.
- Class 3. No. 120483. Champadil Raghava Menon, No. 1, Evening Bazar Road, Madras-3, Indian National, "Telephone number discs", December 13, 1963.
- Class 5. No. 120270. Lalchand Suresh & Co., Indian Partnership Firm, Amarpatan (District Satna-Maharashtra), "Labels", November 21, 1963.

- Class 5. Nos. 120453 and 120454. Golden Chemical Corporation, 93/121 Anwar Ganj, Kanpur (U.P.) (India), Indian sole proprietary concern, "Label", December 19, 1963.
- Class 5. No. 120486. Lucky Biscuit Company, an Indian Partnership Firm, Hajigunj, Patna 8, Bihar State, India, "A wrapper", December 13, 1963.
- Class 5. No. 120683. Krishan Lal Jain, (An Indian National), Gandhi Nagar, Delhi, "Label", January 6, 1964.
- Class 13. Nos. 120152 to 120173. The India United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay-1 State of Maharashtra, India, a company incorporated in India, "Textile piece goods", November 11, 1963.
- Class 13. No. 120232. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay 1, "Cotton textiles", November 16, 1963.
- Class 13. No. 120235. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", November 18, 1963.
- Class 13. Nos. 120264 to 120268. The Khatau Makanji Spg & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", November 21, 1963.
- Class 13. No. 120283. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", November 26, 1963.
- Class 13. Nos. 120310 to 120317. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", November 27, 1963.
- Class 13. Nos. 120348 to 120359. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Rd., Lower Parel, Bombay, "Textile goods", December 3, 1963.
- Class 13. No. 120461. The Bombay Dyeing & Mfg. Co. Ltd., an Indian company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", December 12, 1963.
- Class 13. Nos. 120550 to 120563. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delhi Road, Bombay 13, "Cotton piecegoods", December 21, 1963.
- Class 13. No. 120599. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay 13, "Textile goods", December 27, 1963.
- Class 13. Nos. 120798 to 120807, 120809 and 120810. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6 Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", January 22, 1964.
- Class 13. No. 120881. Manorma Jain (an Indian national) 4464, Aryapura, Subzimandi, Delhi-6, "Textile goods", January 24, 1964.
- Class 13. No. 120941. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay 1, "Cotton textiles", January 30, 1964.
- Class 13. No. 120942 to 120945. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay 13, "Cotton piecegoods", January 30, 1964.
- Class 14. No. 12097. The Ambika Silk Mills Co.; Ltd., an Indian Company Registered under the Indian Companies' Act, 1913, 11/12, Haines Road, Mahaluxmi, Bombay-13, Maharashtra, India, "Printed or woven designs on textile, fabrics of all kinds", November 4, 1963.

#### Copyright Extended for a Second Period of Five Years

- Design No. 91485, Class 1.  
Design No. 99358, Class 3.  
Design No. 99359, Class 3.  
Design No. 101439, Class 3.  
Design No. 98758, Class 5.

#### Copyright Extended for a Third Period of Five Years

- Design No. 91485, Class 1.  
Design No. 79185, Class 3.  
Design No. 91649, Class 3.  
Design Nos. 78409 and 78410, Class 5.  
Design No. 78800, Class 10.

#### Name Index for Applicants for Patents for the month of February, 1964 (Nos. 92031 to 92536)

##### Name & Application No.

##### (A)

- AB Akerlund & Rausing—92518.  
AB Billingsfors-Langed—92176.  
Abbott Laboratories—92247.  
AB Tetra—92088.  
Accountant, The Ministry of Development, Government of Israel, The—92435.  
Aerpat, A. G.—92396.  
Agritec S. A. Coira—92368.  
Airon Electricals—92167.  
Aktiebolaget Astra—92042.  
Aktiebolaget Svenska Flaktfabriken—92475.  
Aktiengesellschaft Cilander—92413.  
Algemene Kunstzijde Unie N. V.—92438.  
Alikhanjan, S. I.—92218.  
Allied Chemical Corporation—92283, 92294, 92398, 92399, 92406, 92407, 92460, 92535, 92536.  
Allis Chalmers Manufacturing Company—92065.  
American Can Company—92094, 92095.  
American Cyanamid Company—92313, 92335, 92420, 92445.  
American Flange & Manufacturing Co. Inc.—92344.  
Amirault, M.—92246, 92358.  
AMP Incorporated—92452.  
Amsted Industries Incorporated—92267.  
Arogyaswami, S.—92291.  
Asher, N. P.—92322.  
A/S Malodan International Limited—92367.  
Associated Electrical Industries Limited—92130, 92403, 92512.  
Atlas Copco Aktiebolag—92402.  
Aurora, N.—92510.  
A. V. I. Alpenländische Veredelungs-Industrie Gesellschafts m.b. H.—92106.  
Avisum Corporation—92057.

##### (B)

- Babcock & Wilcox Company, The—92436.  
Badische Anilin & Soda Fabrik Aktiengesellschaft—92168, 92169, 92269, 92309.  
Baetz, B.—92365.  
Ball Brothers Company Incorporated—92341.  
Bandyopadhyay, B.—92319.  
Bandopadhyay, N. K.—92236.  
Basic Incorporated—92270.  
Beecham Research Laboratories Limited—92488.  
Bell Aerospace Corporation—92201.  
Bendix Corporation, The—92530.  
B. F. Goodrich Company, The—92350.  
Bhan, S.—92198.  
Bhattacharya, R.—92271.  
Biochemie Gesellschaft mit Beschränkter Haftung—92249, 92250, 92251.  
Bombay Toys—92196.  
Borg-Warner Corporation—92491, 92492.  
British Nylon Spinners Limited—92058, 92059, 92285, 92463.  
British Oxygen Company Limited, The—92412.  
Byk-Gulden Lomberg, Chemische Fabrik, G.m.b.H.—92171.

## Name &amp; Application No.

(C)

- C. A. V. Limited—92295.  
 Celanese Corporation of America—92200, 92203, 92204, 92205, 92206, 92511.  
 Ceskoslovenska Akademie Ved—92371.  
 Chambon Limited—92255.  
 Chas. Pfizer & Co. Inc.—92400.  
 Chawla, T. H.—92253.  
 Chemical Construction Corporation—92312.  
 Chemie Grunenthal GMBH.—92484.  
 Chidambaram, S. I.—92050.  
 Chubb & Son's Lock and Safe Company Limited—92364.  
 Chu, L. J.—92115, 92116.  
 Ciba Limited—92039, 92066, 92144, 92148, 92149, 92150, 92151, 92226, 92440, 92476, 92477, 92485, 92486, 92516.  
 Clayton Dewandre Company Limited—92186.  
 Combustion Engineering, Inc.—92053.  
 Compagnie De Saint-Gobain—92134, 92143.  
 Compagnie Des Freins Et Signaux Westinghouse—92349.  
 Compagnie Francaise Thomson Houston—92063.  
 Compain, J. D.—92126.  
 Corning Glass Works—92450.  
 Cottell, E. C.—92128.  
 Cotton Silk and Man-Made Fibres Research Association, The—92359.  
 Council of Scientific and Industrial Research—92113, 92273, 92274, 92275, 92276, 92277, 92278, 92292, 92526.  
 Crown Spinning & Manufacturing Company Limited, The—92389.  
 Crown Zellerbach Corporation—92479, 92480, 92481.

(D)

- Dadajee Dhackjee & Co., Private Ltd.—92401.  
 Damle, S. N. (Mrs.)—92372.  
 Dave, C. K.—92048.  
 Department of Agriculture, (Government of West Bengal) The—92031, 92032.  
 Destounmieux, P.—92246, 92358.  
 Deutsche Gold-Und Silber Scheideanstalt Vormals Roesler—92132, 92447, 92483.  
 Director-General, The Ministry of Development, Govt. of Israel, The—92435.  
 Director of Finance Division, The Ministry of Development, Government of Israel, The—92435.  
 Dmitriev, I. S.—92194.  
 Don Baxter, Inc.—92328.  
 Dorr-Oliver Incorporated—92245, 92296, 92297.  
 Dortmund Horder Huttenunion Aktiengesellschaft—92099.  
 Dow Corning Corporation—92147.  
 Dowty Mining Equipment Limited—92242.  
 Dr. A. Wander, S. A.—92331.  
 Dunlop Rubber Company Limited—92159, 92361, 92493.

(E)

- Eastman Kodak Company—92078, 92155.  
 Ehleben, I.—92038.  
 E.I. du Pont de Nemours and Company—92102, 92362.  
 Electric Storage Battery Company, The—92076.  
 Eli Lilly and Company—92107.  
 Ericsson Telephones Limited—92125.  
 Esso Research and Engineering Company—92156, 92214, 92215, 92244, 92461.  
 Express Injector Company—92301.

(F)

- Fairbairn Lawson Limited—92391.  
 Farbenfabriken Bayer Aktiengesellschaft—92187, 92239, 92240, 92356, 92496, 92497, 92498.  
 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning—92178, 92315, 92316, 92369.  
 Fellner & Ziegler G.m.b.H.—92286.  
 F. Hoffmann-La Roche & Co. Aktiengesellschaft—92040, 92091, 92170, 92227, 92310, 92332, 92393, 92433, 92434, 92487, 92517.

## Name &amp; Application No.

- Firestone Tire & Rubber Company, The—92259, 92260, 92348.  
 Firma Schulz & Rackow Gasgeratebau G.m.b.H.—92105.  
 Fisons Pest Control Limited—92117.  
 FMC Corporation—92208.  
 Franz-Josef Gattys—92442.  
 Fred K. A Power and Sons. Ltd.—92064.  
 Fuchs Gesellschaft Mit Beschränkter Haftung—92209.  
 Fujikura Densen Kabushiki Kaisha—92041.

(G)

- Gangawala, K. S.—92263.  
 Gas Council, The—92302.  
 Gattys, F. J.—92442.  
 General Electric Company—92314, 92336.  
 General Electric Company Limited, The—92284, 92528.  
 General Tire & Rubber Company, The—92217.  
 George, C.—92036.  
 Ghose, T. K., Dr.—92319.  
 Girling Limited—92044.  
 Goodyear Tire & Rubber Company, The—92061, 92346, 92464.  
 Grimes, A. S.—92243.  
 Gullick Limited—92520.  
 Gump, F. W.—92439.  
 Gupta, K. K.—92351.

(H)

- Halcon International, Inc.—92122, 92123, 92279.  
 Hamamura, Y.—92127, 92489.  
 Heemanshu Traders—92049.  
 Hercules Powder Company—92522.  
 Hitachi Ltd.—92193, 92339.  
 Hukerikar, V. D.—92401.  
 Hunter, R. S.—92243.

(I)

- Ijina, T. S.—92218.  
 Imperial Chemical Industries Limited—92043, 92081, 92154, 92184, 92185, 92210, 92211, 92282, 92353, 92354, 92394, 92395, 92457, 92458, 92533.  
 Index Werke KG Hann & Tessky—92103.  
 Indian Oxygen Limited—92212, 92213, 92468, 92495, 92534.  
 Industrie-Compagnie Kleinewefers Konstruktions-Und Handelsgesellschaft mbH.—92092.  
 Industriewerk Schaeffler Ohg.—92437.  
 Ingersoll-Rand Company—92121.  
 Institut Francais Du Petrole, Des Carburants Et Lubrifiants—92101, 92471, 92472, 92473.  
 International Business Machines Corporation—92179, 92180, 92181, 92182, 92183, 92384, 92385, 92529.  
 International Synthetic Rubber Company Limited, The—92409.  
 I. P. Kogyo Kabushiki Kaisha—92189.  
 Irudayasamy, V.—92071.

(J)

- Jadavpur University, The Registrar—92319.  
 Jain, M. K.—92323.  
 Jawadekar, S. B.—92037.  
 Jha, B.—92293.  
 J. M. Huber Corporation—92324, 92325.  
 John Thompson Water Tube Boilers Limited—92190, 92191.  
 J. R. Geigy A. G.—92075, 92153, 92280, 92281, 92377, 92378, 92379, 92380, 92408, 92527.

(K)

- Kaiser Aluminium & Chemical Corporation—92086, 92219.  
 Kaiser Jeep Corporation—92216.  
 Kalsi, B. S.—92272, 92287, 92288, 92289.  
 Karamchand Premchand Private Limited—92074.  
 Karanjia, S. K.—92330, 92366.  
 Kapur, V. N.—92370.  
 Kearney & Trecker Corporation—92337, 92338.

*Name & Application No.*

Khandelwal, A. K.—92047.  
 Khemariya G. S.—92326.  
 Knorr-Bremse G.m.b.H.—92056.  
 Knorr-Bremse Kommanditgesellschaft—92055.  
 Krishnamurti, T.—92033.  
 Krymskaja, V. A.—92218.  
 Kurashiki Rayon Company Limited—92340.

## (L)

Lalljee, F. H. A.—92405.  
 Lawrence, J. L.—92045.  
 Leeson Holt Limited—92382.  
 Lepetit S.p.A.—92299.  
 Les Usines De Melle—92082.  
 L. G. Hawkins & Company Limited—92500, 92501, 92502.  
 Lindaco Aktiebolag—92465, 92466, 92467.  
 Labanova, V. V.—92218.  
 Lubrizol Corporation, The—92173, 92221.

## (M)

Malhotra, S. (Mrs.)—92197.  
 Maruthia S. M. A.—92139.  
 Maruthia, W. O.—92139.  
 Massey Ferguson Limited—92505.  
 Maybach-Motorenbau G.m.b.H.—92258.  
 Mecano—92072.  
 Meiji Seika Kaisha Ltd.—92317.  
 Merck & Co., Inc.—92067, 92068, 92087, 92300, 92327, 92392.  
 Metal Box Company Limited, The—92084.  
 Metallgesellschaft A. G.—92262, 92482.  
 Miles Laboratories Inc.—92119.  
 Milliken Tetra Pak A Division of Clemson Industries, Inc.—92306, 92307.  
 Mining Engineering Company Limited, The—92109.  
 Mistry, K. G.—92114.  
 Mistry, P. C. L.—92320, 92321, 92388.  
 Mitsubishi Shipbuilding Engineering Co. Ltd.—92459, 92532.  
 Mitsui Petrochemical Industries Ltd.—92096, 92097, 92098.  
 Monsanto Chemical Company—92381, 92504.  
 Montecatini Societa Generale Per L'Industria Mineraria E Chimica—92093, 92232.  
 Morrison, W. L.—92241.  
 Mount Hope Machinery Limited—92478.  
 Mukand Iron & Steel Works Limited—92238.  
 Munshi, Z. N.—92199.  
 Murphy, T.—92298.

## (N)

Nadella, S. A.—92157.  
 Nadkarni, S. A.—92416.  
 National Castings Company—92129, 92222.  
 National Lead Company—92506.  
 Nestle's Products Limited—92333.  
 N. V. Onderzoekingsinstituut Research—92220.  
 N. V. Philips Gloeilampenfabrieken—92228, 92229, 92230, 92231, 92429, 92430, 92431, 92432.

## (O)

Oesterheld, K. A.—92428.  
 Olin Mathieson Chemical Corporation—92254, 92507.  
 Onoda Cement Company, Limited—92373, 92374, 92375.  
 Owens-Corning Fiberglas Corporation—92104.

## (P)

Palamand, S. R. Dr.—92513.  
 Panchal, P. B.—92515.  
 Parikh, R. H.—92417.  
 Patel, J. M.—92515.  
 Petrova, A. F.—92218.

*Name & Application No.*

Phadke, M. G.—92352.  
 Phillips Petroleum Company—92054, 92418, 92419, 92446.  
 Picrel S.p.A.—92145.  
 Pilkington Brothers Limited—92427.  
 Pirelli Societa Per Azioni—92462.  
 Pitner, A.—92157.  
 Plasticisers Limited—92046.  
 Plessey Companu (U. K.) Limited, The—92363.  
 Polymer Corporation Limited—92451.  
 Preformed Line Products Company—92304.  
 Priducts Development Company—92268.  
 Produits Chimiques Pechiney-Sant-Gobain—92423.  
 Puharich, H. K.—92045.

## (R)

Radio & Electricals Manufacturing Company Limited—92135.  
 Rao, Arjuna, R. V. R.—92523.  
 Rao, A. R. K.—92514.  
 Rao, C. I. S.—92523, 92524.  
 Rao, S. V.—92163.  
 Real Patentauswertungs-Anstalt—92174.  
 Reddy, R. G.—92334.  
 Refrigeration & Appliances Company Private Limited—92448.  
 Regie Nationale Des Usines Renault—92090.  
 Reliance Cords & Cables Limited—92069.  
 Rheinbau G.m.b.H.—92415.  
 Rheinmetall G.m.b.H.—92070.  
 Rhone Poulenc S. A.—92386.  
 Richter Gedeon Vegyeszeti Gyar R. T.—92308.  
 Ripper Robots Limited—92355.  
 Rohm & Haas Company—92079.  
 Rolls-Royce Limited—92085.  
 Roy, D. K.—92035.  
 Rubio, G.—92449.  
 Rubio, S.—92449.

## (S)

Saito, M.—92089.  
 Samuel Platt Limited—92383.  
 Sandoz Ltd.—92124, 92146, 92177.  
 Sathe, M. R.—92372.  
 Satyanarayanaraju, R.—92261.  
 Schmeing, G.—92161.  
 Shell Internationale Research Maatschappij N. V.—92120, 92160, 92248, 92342, 92360, 92494, 92508, 92509.  
 Sherritt Gordon Mines Limited—92343.  
 Sherwood, W. L.—92499.  
 Shionogi & Co. Ltd.—92519.  
 Silberman, S. J.—92425.  
 Simon-Carves Limited—92188.  
 Sinha, B.—92100.  
 SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung—92195.  
 Smith Kline & French Laboratories Limited—92252.  
 Smith Kline & French Laboratories—92077, 92111, 92414.  
 Snam S.p.A.—92080, 92490.  
 Societa Farmaceutici Italia—92131.  
 Societe Anonyme Francaise Pour La Fabrication Des Toles Perforees—92083.  
 Societe Fives Lille-Cail—92329.  
 Societe Francaise des Laboratoires Labaz—92158.  
 Societe Generale Du Vide—92469.  
 Sonic Development Corporation of America—92387.  
 Sperry Rand Corporation—92060, 92112, 92397, 92531.  
 Spindelfabrik Sussen, Schurr, Stahlecker & Grill G.m.b.H.—92140, 92237, 92525.

*Name & Application No.*

Srinivasan R.—92233, 92234, 92235.  
 S. Smith & Sons. (England) Limited—92503.  
 Standard Telephones and Cables Limited—92390, 92421,  
 92422, 92521.  
 Sulzer Brothers Limited—92108, 92347.  
 Swastik Cement Pipes Factory.—92073.  
 Syreeni, O.—92207.

## (T)

Tachi, S.—92223.  
 Takeda Chemical Industries Limited—92127, 92224,  
 92225, 92489.  
 Teijin Limited—92424.  
 Telefonaktiebolaget L. M. Ericsson.—92192.  
 Thadani, C. B.—92290.  
 Thaker, S. S. (Mrs.)—92136, 92137, 92138, 92164, 92165,  
 92166.  
 Thomas Marshall & Company (Loxley) Limited—92172.  
 Tillinghast, J. A.—92243.  
 Tokyo Shibaura Electric Company Limited.—92141,  
 92142.  
 Toyo Rayon Kabushiki Kaisha—92376, 92441.  
 Transimatic Italiana S.p.A.—92110.  
 Treve, M.—92357.

## (U)

Unilever Limited—92202, 92404.  
 Union Carbide Canada Limited—92257.  
 Union Carbide Corporation—92175, 92345, 92470.  
 Union Tank Car Company—92235.  
 United Coke & Chemicals Company Limited—92303.  
 United Shoe Machinery Corporation—92453.

*Name & Application No.*

United States Atomic Energy Commission—92062.  
 United States Steel Corporation—92256, 92454, 92455,  
 92456.  
 Uralita, S. A.—92152.

## (V)

Vapor Corporation—92118.  
 Varma, D. S.—92034.  
 Veb Vorwarmer-Und Kesselbau Kothen—92318.  
 Vickers Armstrongs (Engineers) Limited—92264, 92265,  
 92266.  
 Vidal & Sohn Tempo-Werke G.m.b.H.—92443, 92444.  
 Volkart Brothers—92474.  
 Vsesojuzny Nauchno Issledovateljsky Institute Kislorod-  
 nogo Mashinostrojenija—92162.  
 Vsejozuzny Nauchno-Issledovatel'sky khimiko-Farm-Atsevti-  
 chesky Institute Im. Ordynikidze—92133.

## (W)

Warner-Lambert Pharmaceutical Company—92410,  
 92411.  
 Wellcome Foundation Limited, The—92426.  
 Westinghouse Electric Corporation—92051, 92052.

## (Y)

Yamamoto, T.—92311.

## (Z)

Zharinova, G. T.—92218.  
 Zhdanov, V. G.—92218.

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